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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/593,170	02/07/2008	Hirotsugu Kikuchi	TIP 052	8817	
23408 GARY C. COH	7590 07/13/200 IN, PLLC	EXAMINER			
P. O. Box 313		VU, PHU			
Huntingdon Va	lley, PA 19006		ART UNIT	PAPER NUMBER	
			2871		
			NOTIFICATION DATE	DELIVERY MODE	
			07/13/2009	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

garycohn@seattlepatent.com

Supplemental	
Notice of Allowability	/

Application No.	Applicant(s)	
10/593,170	KIKUCHI ET AL.	
Examiner	Art Unit	
 PHU VU	2871	

	PHU VU	2871					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included nerewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.							
1. This communication is responsive to <u>9/15/06</u> .							
2. ☑ The allowed claim(s) is/are <u>1-11</u> .							
3.							
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. Notice of Informal 6. Interview Summal Paper No./Mail D 7. Examiner's Amen 8. Examiner's Stater 9. Other	y (PTO-413), ate dment/Comment	owance				

DETAILED ACTION

Allowable Subject Matter

Claims 1-11 are allowed.

The following is an examiner's statement of reasons for allowance: Regarding claims 1-11, there is no prior art of record that teaches A liquid crystal display device comprising a polymer-stabilized blue phase liquid crystal sandwiched between a pair of clear substrates, wherein the polymer-stabilized blue phase liquid crystal comprises a low molecular weight liquid crystal that allows a blue phase to appear between a cholesteric phase and an isotropic phase and a polymer network formed in the low molecular weight liquid crystal, and an electrical field is applied parallel to the substrates.

Miyachi US 2005/015192 teaches a blue phase LC however fails to teach the the polymer-stabilized blue phase liquid crystal comprises a low molecular weight liquid crystal that allows a blue phase to appear between a cholesteric phase and an isotropic phase and a polymer network formed in the low molecular weight liquid crystal.

Ozawa US 2006/0170846 teaches a liquid crystal display device comprising a polymer-stabilized blue phase liquid crystal sandwiched between a pair of clear substrates, wherein the polymer-stabilized blue phase liquid crystal comprises a low molecular weight liquid crystal that allows a blue phase to appear between a cholesteric

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phase and an isotropic phase and a polymer network formed in the low molecular weight liquid crystal, and an electrical field is applied parallel to the substrates, however is excluded by date as prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHU VU whose telephone number is (571)272-1562. The examiner can normally be reached on 8AM-5PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571)-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Phu Vu/ Examiner, Art Unit 2871

/David Nelms/

Supervisory Patent Examiner, Art Unit 2871